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14th April 2004

Testimonials for MAPGEN/Constraint Editor for the Software of the Year Award

To Whom It May Concern:

Attached along with this SOY application are video testimonials of the following individuals:

1. Laurence Soderbloom: Research Geophysicist US Geological Survey, Flagstaff Arizona, MER Science Operations Working Group (SOWG) Chair:
 - Larry is a key Science Team member with extensive mission experience and among a handful of very prominent members of the MER Science Team
2. Arthur Amador: Integrated Sequence Team Chief, JPL:
 - Arthur is the head of the team that commands the two rovers daily. In addition, he was the lead of the Activity Planning Sequencing Subsystem of the Ground Data System, to which MAPGEN/CE team members used to report to directly and under whose supervision MAPGEN and CE were developed for MER. He is also the MER Extended Mission, Mission Manager for both the rovers starting end of April 2004.
3. Rick Welch, Senior Engineer and MER Tactical Uplink Lead (TUL), JPL:
 - As TUL, Rick's role is to supervise the daily *operational* use of MAPGEN and CE in the critical uplink process. The Tactical Activity Planners (who use the MAPGEN and CE) report to the TUL while commanding the rovers and it is the TUL's job to ensure that this process happens smoothly with the maximum return in terms of science possible. The TUL, in other words *owns* the process for the daily command cycle.
4. Jim Erickson, Opportunity Mission Manager and Deputy Project Manager for MER, JPL:
 - Operationally, the rover Opportunity is under the purview of Jim. As the number 2 in the MER management, he also has over responsibility of the mission. Prior to landing, however, Jim was the overall Mission Manager and the principal point of contact between Ames and JPL. In addition, Jim was one of the key drivers for inclusion of the MAPGEN/CE tool set in the mission and also the driver for its requirements.
5. Brian Chafin, Senior Engineer and Tactical Activity Planner for MER, JPL:
 - Brian had multiple roles in the development and deployment of MAPGEN/CE. During the development phase, he was the primary developer of the MAPGEN adaptation (models) and the principal point of contact with the JPL development team of MAPGEN. Operationally, his role as a TAP was as the user of the systems he helped design and implement. It is the TAP who uses MAPGEN/CE daily to command the rovers. Brian commands Opportunity.
6. Jeff Norris, Senior Computer Scientist and Tactical Activity Planner for MER, JPL:
 - Jeff prior to his operational role as TAP, was the prime developer of the SAP science toolset. Jeff (like Brian) continues to use the MAPGEN/CE tool set daily while commanding the rover Spirit.

In addition, MAPGEN/CE team members are presented in the video offering the context of the use of this system during MER Surface Operations.

A handwritten signature in black ink, appearing to read "Kanna Rajan".

(Kanna Rajan)
MAPGEN Principal Investigator/Project Lead